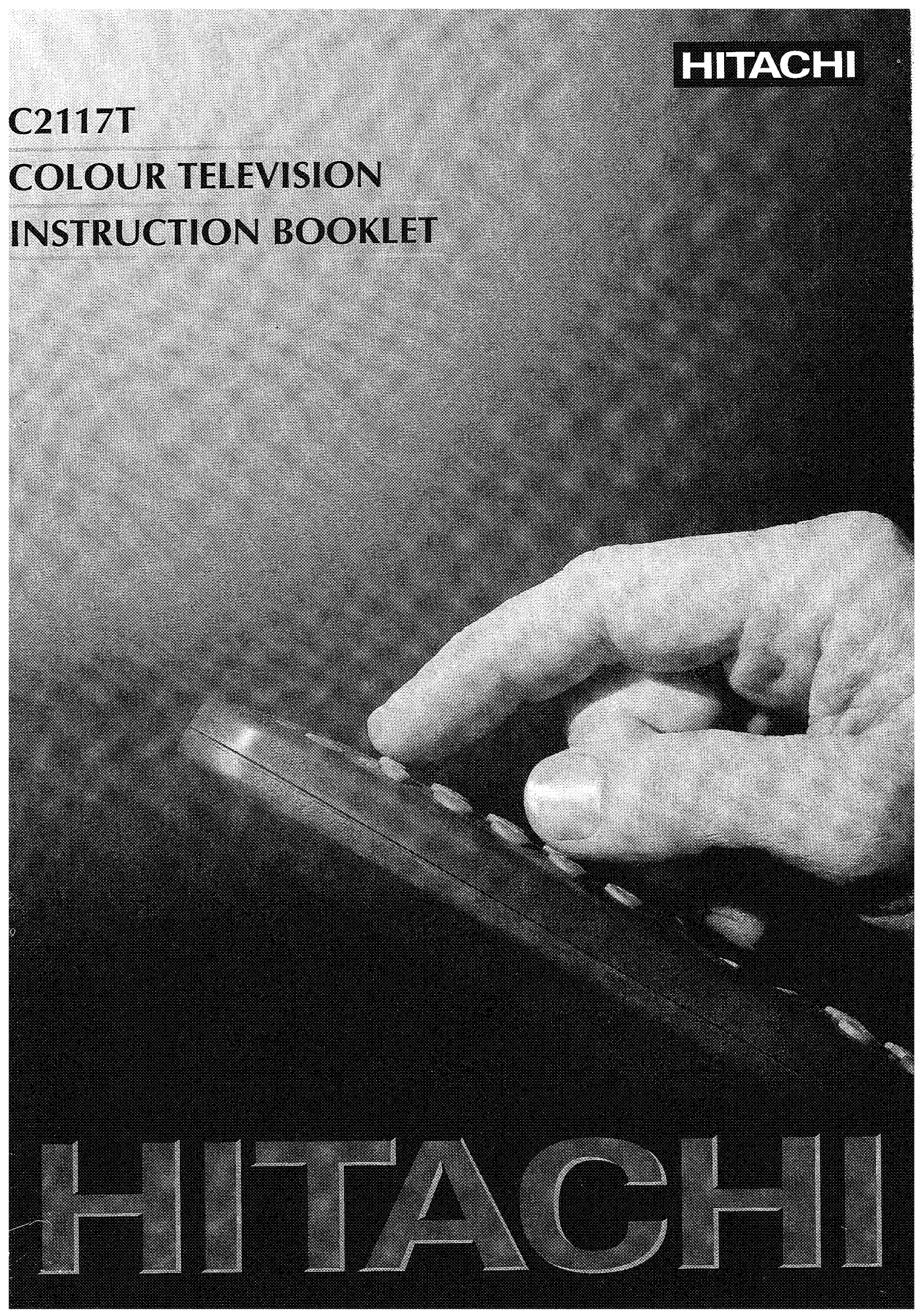
HITACHI

C2117T
COLOUR TELEVISION
INSTRUCTION BOOKLET

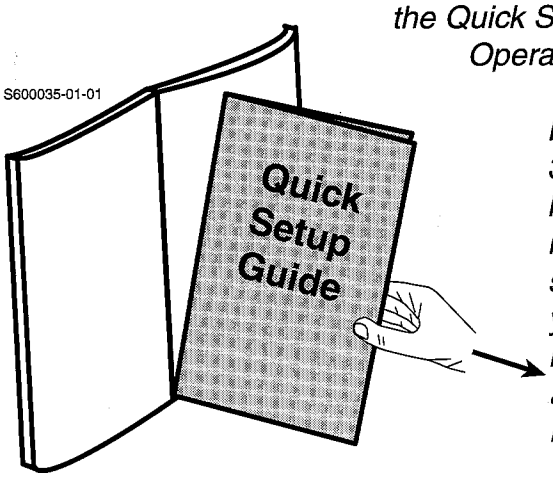


HITACHI

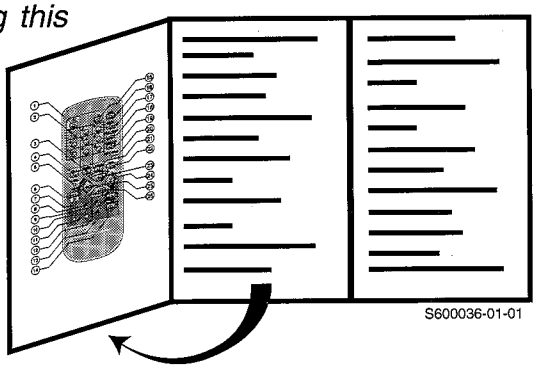
Dear Hitachi Customer,

Congratulations on your recent purchase of a HITACHI television. At Hitachi we pride ourselves on producing high quality televisions with outstanding picture and audio capabilities, coupled with Hitachi's reputation for superior reliability.

In the centre of this manual you will find the blue coloured Quick Setup pullout section. This guide will enable you to setup your TV easily and quickly. Once you have setup the TV then the Quick Setup Guide may be discarded, however, please retain the Main Operating Guide for future reference.



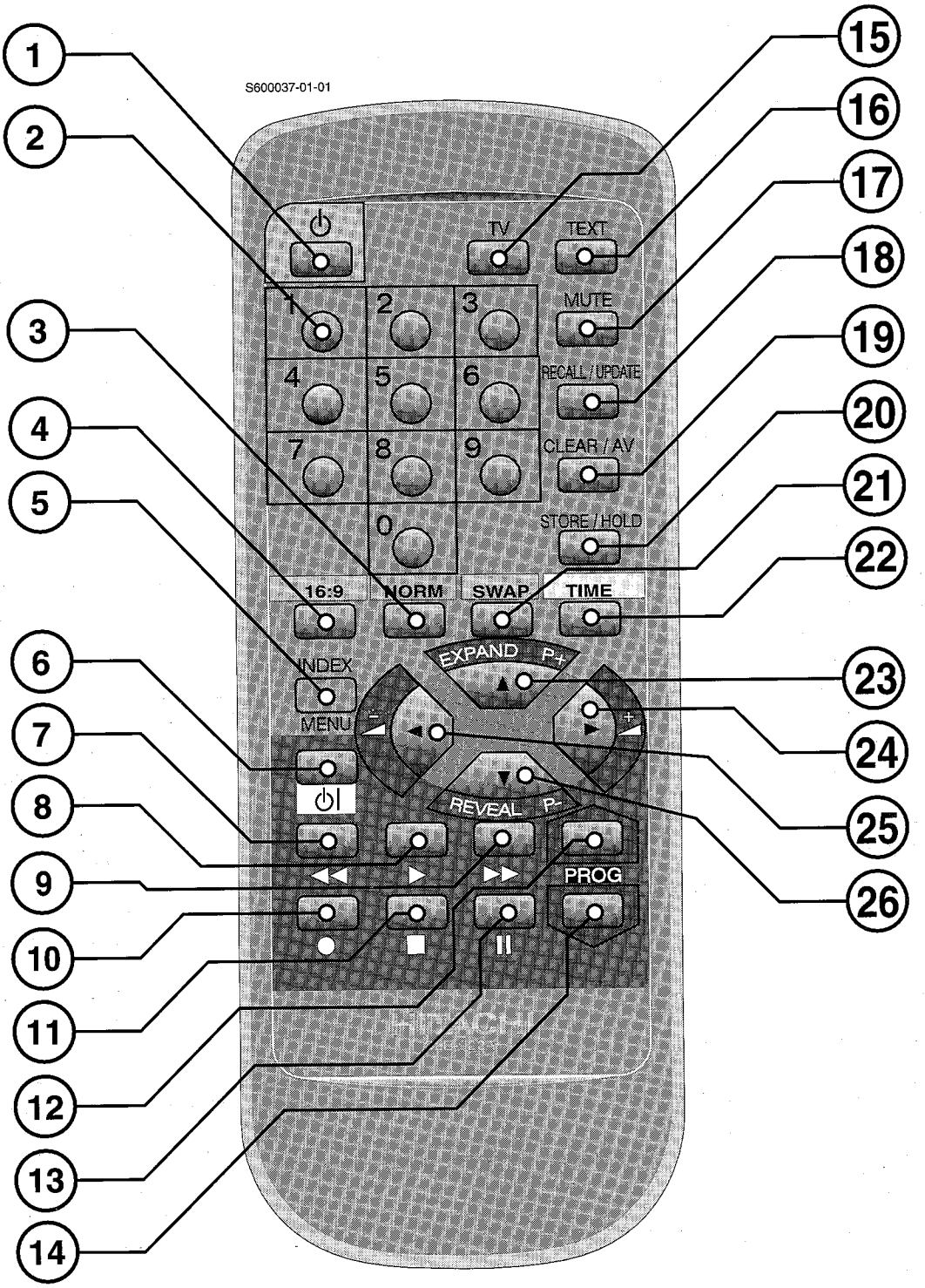
In the Main Operating Guide there is a fold out section on page 3. This page contains a numbered guide for the remote control handset. While following this manual, fold out this section, this will enable you to easily reference between the manual and the remote control handset.



You should enjoy many years of trouble free operation from your TV. Take some time to read the Operating Guide thoroughly., If, in the unlikely event of a problem occurring on your TV, contact your dealer immediately. Please read the Guarantee carefully, this is found on page 22.

CONTENTS

Introduction & Contents	***Page 2***
Remote Control Handset Layout	***Page 3***
Remote Control Handset Guide	***Page 4***
TV Safety	***Page 5***
Battery Safety & Installation	***Page 6***
TV Installation	***Page 7***
General TV Controls Overview	***Page 8***
Tuning In Your TV	***Page 9-10-11***
Additional Features	***Page 12-13-14***
Basic Operation	***Page 15-16***
Connecting External AV Equipment / Wide Screen Features	***Page 17***
Teletext Operation	***Page 18***
Sleep Timer / Permanent Programme Number Feature	***Page 19***
Your Guarantee	***Page 20***
Technical Specifications	***Page 21***
Environmental Notice	***Page 22***


S600037-01-01
TV
TEXT
MUTE
RECALL / UPDATE
CLEAR / AV
STORE / HOLD
16:9
NORM
SWAP
TIME
INDEX
MENU
EXPAND
P+
REVEAL
P-
PROG
1
2
3
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Handset Functions

The remote control handset supplied has several dual functions. These functions are mainly used for operations whilst in teletext mode. The Teletext modes and functions are in ***Bold Italic type(text models only)*** and all functions are briefly explained below.

Button Nº	Description	Function
1	Stand-by Button -	Used to switch the TV off for short periods of time, use TV button (15) to switch on. Use ON/OFF switch on TV for longer periods of inactivity (see environmental notes on page 22)
2	Buttons 0-9	Used for direct programme selection (enter a second digit within 2 seconds for programme numbers above 10 i.e. to obtain programme number 29 enter 2 and then 9). ***Teletext 3 digit entry.***
3	NORM Button ***GREEN Button***	Used to return the controls of the TV to previous set levels (only if STORE function has not been used), ***also has a colour coded Fastext function.***
4	16:9 Button/ ***RED Button***	Used to select between 16 x 9 and 4 x 3 formats, ***also has a colour coded Fastext function.***
5	MENU/***INDEX***	Used to enter the TV's on board MENU system. ***Displays the magazine page on view.***
		Please Note: The following VCR controls operate Hitachi VCR equipment only.
6	Stand-by Button	Used to switch the VCR on and off.
7	Rew Button	Press to rewind a VCR tape.
8	Play Button	Press to play a VCR tape
9	Fast Forward Button	Press to advance a VCR tape.
10	Record Button	Press to begin recording to a VCR tape.
11	Stop Button	Press to stop the VCR tape.
12	Prog + Button	Press to step up programme numbers on the VCR.
13	Pause Button	Press to pause a VCR tape whilst in play mode.
14	Prog - Button	Press to step down programme numbers on the VCR.
15	TV Button	The TV button returns the TV to normal operation from Teletext and the MENU system.
16	***Teletext Button***	***Used to enter the Teletext/Fastext mode.***
17	Mute Button	This feature allows the user to mute the sound temporarily.
18	Recall/***Update***	Press Recall to view current TV status (also begins AUTOSTORE tuning feature). ***The Update feature restores the TV screen whilst a Teletext page is searched for.***
19	Clear / AV	Clear allows the user to clear programs during the AUTOSTORE procedure. The AV function allows the user to select a temporary external signal input (AV or RGB).
20	Store / ***Hold***	The Store function is used whilst in MENU mode, and allows broadcasts to be stored. ***Hold allows the user to pause Teletext pages.***
21	Swap/ ***YELLOW Button***	Press to return the previous programme to the screen, ***also has a colour coded Fastext function.***
22	***Time BLUE Button***	***Press this button to display the time on screen, also has a colour coded Fastext function.***
23	P+/Cursor Up ***EXPAND***	When in normal TV operation this button allows the user to step up programme numbers in sequence. In MENU mode this button is the cursor up key. ***Whilst in Teletext mode this button is used to expand text pages.***
24	Vol+/Cursor Increase	When in normal TV operation this button allows the user to increase the TV volume. In MENU mode this button is the cursor increase key.
25	Vol-/Cursor decrease	When in normal TV operation this button allows the user to decrease the TV volume. In MENU mode this button is the cursor decrease key.
26	P-/Cursor Down ***REVEAL***	When in normal TV operation this button allows the user to step down programme numbers in sequence. In MENU mode this button is the cursor down key. ***During teletext modes used to reveal hidden pages i.e. quiz pages etc..***

IMPORTANT SAFETY INFORMATION ON OPERATING YOUR TV
Do's and Don'ts

DO's

This Television has been designed and manufactured to meet international safety standards, but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO consult your dealer if you are in any doubt about installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

This TV is supplied with a fitted mains plug. This plug must not be cut off as it may contain a special radio interference filter, the removal of which could lead to impaired performance. If you wish to extend the lead, obtain an appropriate safety approved extension lead or consult your dealer.

Observe the manufacturers instructions when connecting extension leads to the TV. Check the fuse rating on the new plug, this should be fitted with a 5 Amp fuse which conforms to either ASTA or BSI (BS1362) approvals, these are easily identifiable by either the ◈ or ♡ symbols. If you are in any doubt about the installation of an extension lead, please consult a competent electrician.

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DON'Ts

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

DON'T place water filled vessels on top of T.V. cabinets.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode (see Page 22). Switch off using the switch on the equipment and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs or stands to the TV with any screws other than those provided - to ensure complete safety always use the manufacturers approved stand with the fixings provided.

DON'T allow electrical equipment to be exposed to rain or moisture.

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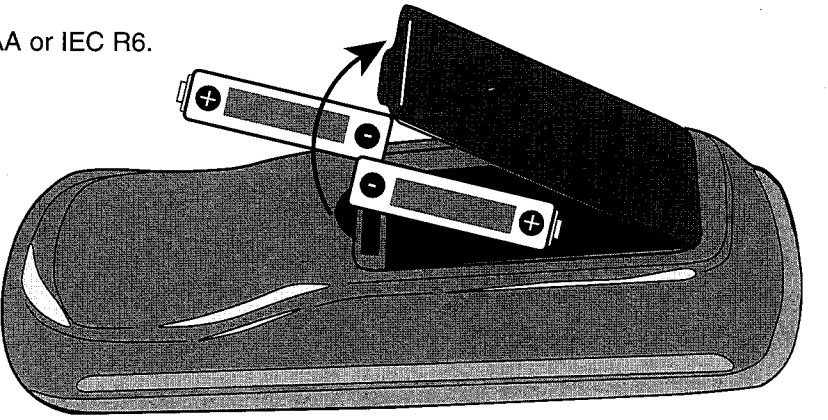
ABOVE ALL

- ***NEVER let anyone, especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electric shock.***

- ***NEVER guess or take chances with electrical equipment of any kind - it is better to be safe than sorry!.***

Battery Installation

1. Remove the batteries from their packaging and identify the + and - polarity.
2. Remove cover of Remote Control Handset as shown in the illustration below.
3. Insert the batteries making sure the polarities are correct i.e. + to +, - to -.
4. Replace batteries with equivalent SUM-3, AA or IEC R6.
5. Discard old batteries safely.
   Follow the Safety Guidelines below.



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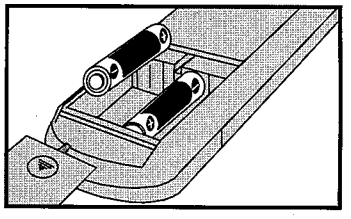
Battery Safety Guidelines

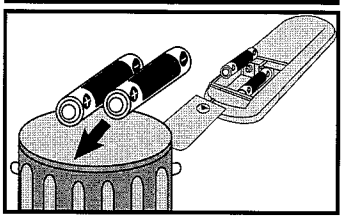
Used correctly, batteries are a safe and dependable source of portable power. However, problems can occur if they are misused or abused - resulting in leakage, or in extreme cases, fire or explosion. Here are some simple guidelines to safe battery use designed to eliminate any such problems.

ALWAYS



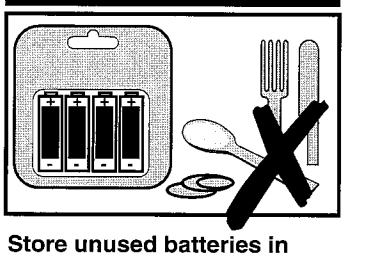
Take care to fit your batteries correctly, observing the plus + and minus - marks on the battery and appliance. Incorrect fitting can cause leakage, or in extreme cases, fire or explosion.

ALWAYS



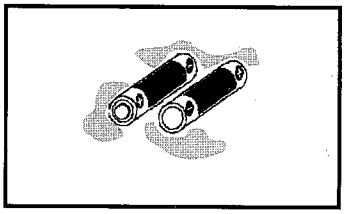
Replace the whole set of batteries at one time, taking care not to mix old and new batteries of different types, since this can result in leakage, or in extreme cases, fire or explosion.

ALWAYS



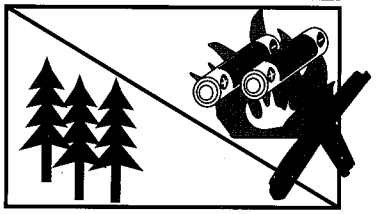
Store unused batteries in their packaging and away from metal objects which may cause a short circuit resulting in leakage, or in extreme cases, fire or explosion.

ALWAYS



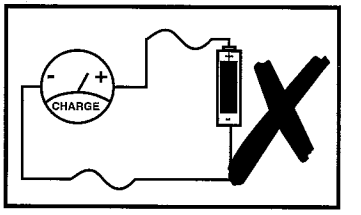
Remove dead batteries from equipment, and all batteries from equipment that is to be left for long periods of time without any use. Otherwise the batteries may leak and cause damage.

NEVER



Never dispose of batteries in fire as this can cause an explosion.
Respect the environment - always dispose of batteries in an environmentally friendly manner.

NEVER



Never attempt to recharge ordinary batteries, either in a charger or by applying heat to them. They may leak, cause fire or even explode. Rechargable NiCad batteries and chargers can be purchased from any good 'High Street' electrical retailer.

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Before installing your TV please read the following important notes:

If you intend placing this TV into a cabinet or a wall alcove, please ensure there is at least a 100mm (10cm) gap to the sides, rear and top of the Television. This is to allow for adequate ventilation during TV operation.

Don't allow soft furnishings such as curtains to be draped over the TV whilst in operation.

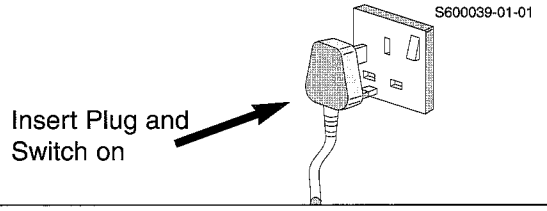
Never place the TV on to a carpet during normal operation - this could obstruct ventilation slots on the base of the TV.

Always place the TV on a flat surface , or if supplied, the stand accessory.

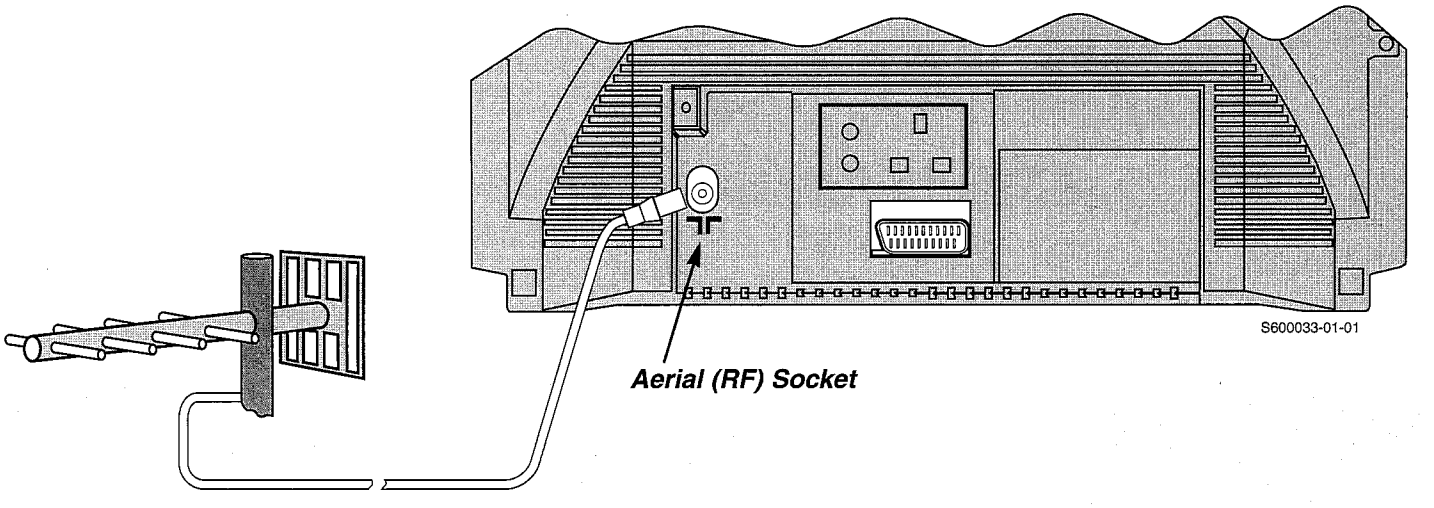
Failure to observe the above guidelines could result in serious overheating of your TV, or in extreme cases, even fire.

Step 1.
Connecting your TV to the mains socket.

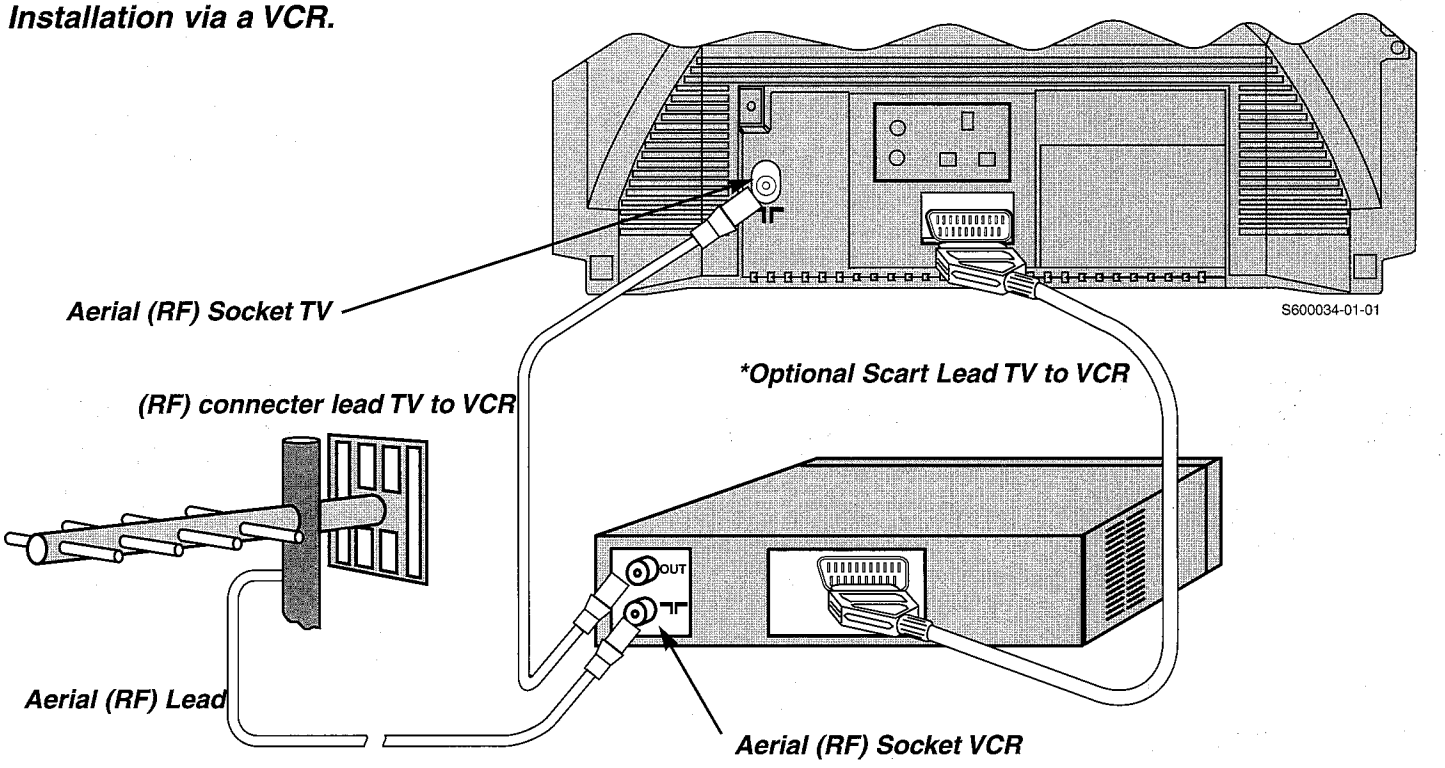
(Please read the Safety Notes on page 5 with reference to unattended operation).



Step 2.
TV only installation.

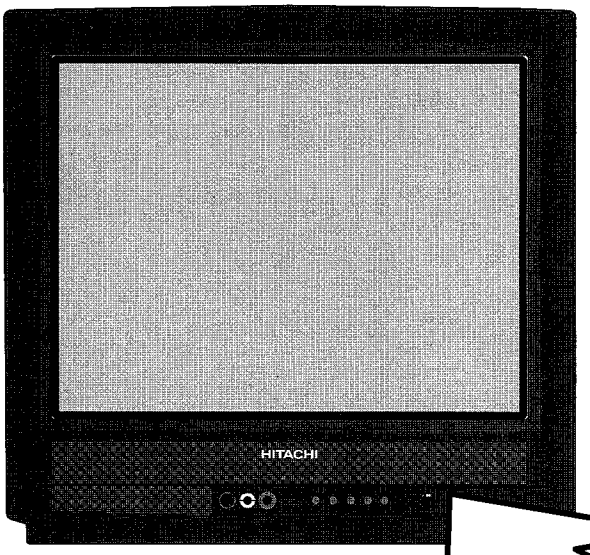


Step 3.
Installation via a VCR.



*A scart lead should be fitted between your TV and VCR to enhance your picture and sound quality. These leads may be purchased from your Hitachi dealer or any good 'High Street' electrical retailer.

TV Controls Overview



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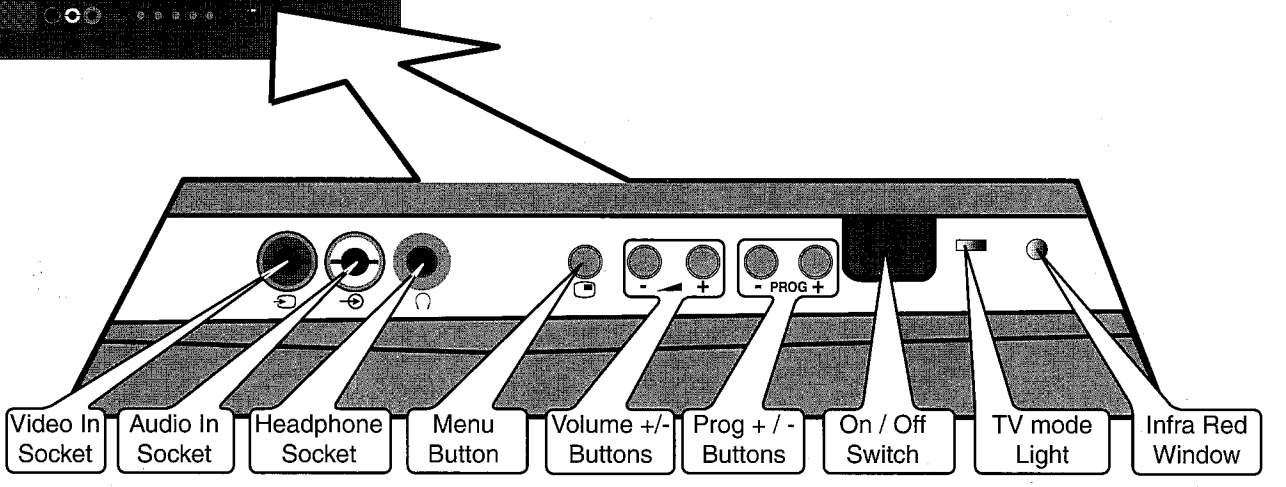
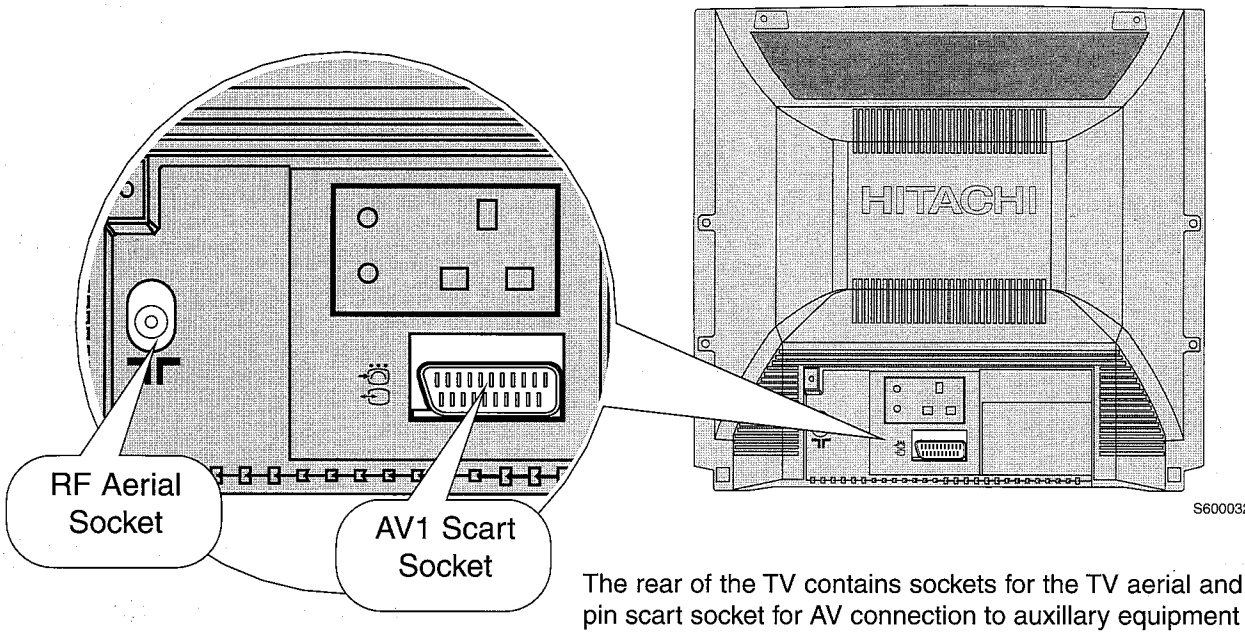
The front of this TV has controls such as the ON/OFF switch, volume and program increase or decrease and a MENU button. There are also input sockets for headphones, video and audio in. These and other features are shown below.





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The rear of the TV contains sockets for the TV aerial and a 21 pin scart socket for AV connection to auxillary equipment such as a VCR or Satellite System.

SWITCHING ON

To switch your TV on, press the ON/OFF button shown above. If the TV fails to display anything on the screen, but the red TV mode light appears bright, then the TV is in Stand by mode. Press the TV button on your handset (key 15) to activate the TV. The red TV mode light will then dim and you should allow the TV a few seconds for a picture to appear.

Autostore Method

NOTE: Make sure the Handset foldout section (Page 3) is extended out for easy referencing.

This tuning method allows you to implement a SEARCH routine which will find the first available broadcast, store it automatically, then select the next programme number and resume searching until the next broadcast is found and stored. This process will be repeated until all the broadcasts available in your area have been found and stored in the TV's. memory.

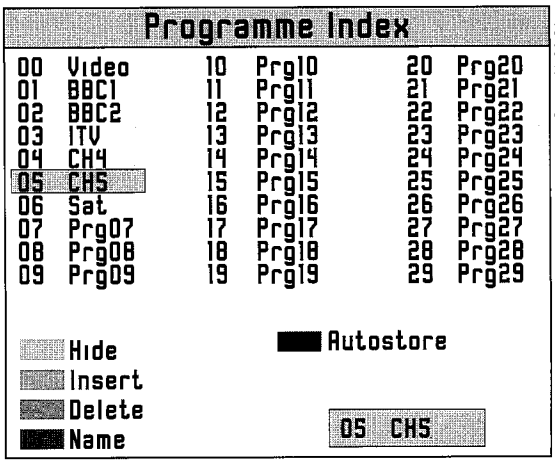
N.B. When this method is used, the broadcasts may not be in the order you desire, i.e. BBC1 may not be stored on programme number 1, and BBC2 may not be stored on programme number 2 etc. However, this function is fully explained later in the Autostore procedure.

Tuning your TV using Autotune

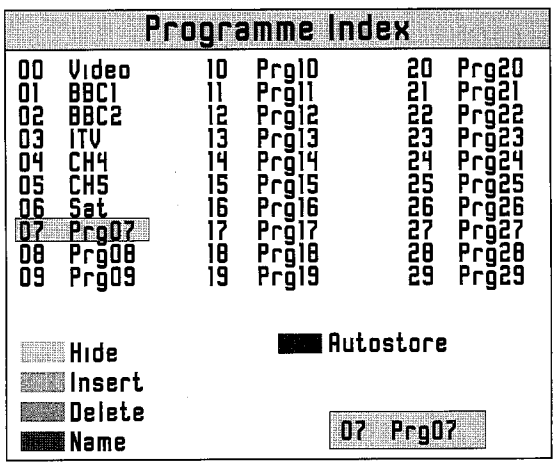
1. Press and hold down the MENU button (5) of handset until the Programme Index menu appears.

Important: *Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.*

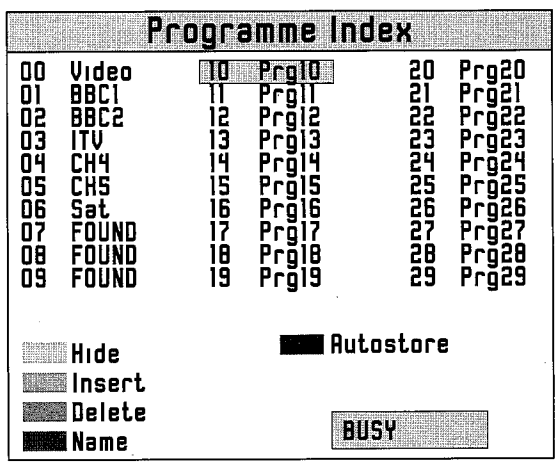
The example shown has programme names allocated to each programme number. This procedure is explained later.



Some broadcasts may have been previously tuned in. If you wish to keep these broadcasts, use the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number that you wish to start Autostore from. For example, if there are broadcasts appearing on programme numbers 01- 06 that you wish to remain, then highlight programme number 07 as the starting point. The highlighted programme number appears in the Select Box of the display. If there are no broadcasts that you wish to keep, then highlight programme number 1 as the starting point.



2. Press and hold down the RECALL button (18) on handset. This will select the Autostore function of the on-screen menu.
The tuning procedure will now begin. To indicate this, the word BUSY appears in the Select Box of display. As each broadcast is found and stored, the word FOUND appears alongside the programme number. This will continue until all the broadcasts available in your area have been found and stored, at which time the word BUSY is replaced by READY.
N.B. You can stop the Autostore procedure at any time by pressing the RECALL button (18) once more.



3. Press the TV button (15) on handset to return to normal T.V. operation.

1. Whilst pointing the handset at the T.V., press and HOLD down the MENU button (5) of handset until the Programme Index menu shown appears.
   Important: Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

2. Press the MENU button (5) once more to display the Installation menu.
   The first item, i.e. Program Nr. will be coloured magenta.

3. Press the ▼ button (26) of handset once. The Tune line in the display will turn magenta.

4. Now press either the ► or ◄ button (24/25). The search tuning routine will begin.
   To indicate this, the block in the tuning bar scale will begin to move left or right from its present position.

Once a broadcast has been found the SEARCH tuning routine will stop.

5. To allocate a programme number to the broadcast you have tuned in, enter the desired number using the buttons 0 - 9 (2). It will then appear in the Program Nr. line of the display. When entering numbers from 10 - 59, the second digit must be entered within 2 seconds, or the T.V. will assume the first number entered is the one required.
   As a general rule we recommend that the Video channel be allocated to Programme number 0, BBC1 to programme number 1, BBC2 to programme number 2, ITV to 3, CH4 or S4C to 4 and CH5 to 5. If you have Satellite equipment this should be viewed on programme number 6.

6. Once the desired programme number has been selected, press the STORE button (20) of handset.
   The word STORED appears temporarily at the bottom of the display. All the tuning information for that broadcast has now been memorised.

FINE TUNE

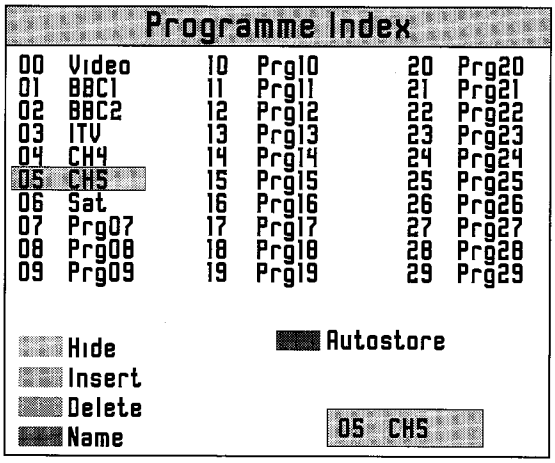
As each broadcast is found, fine tuning is carried out automatically to obtain the optimum picture and sound. However, if you are not satisfied, minor adjustments can be carried out manually.

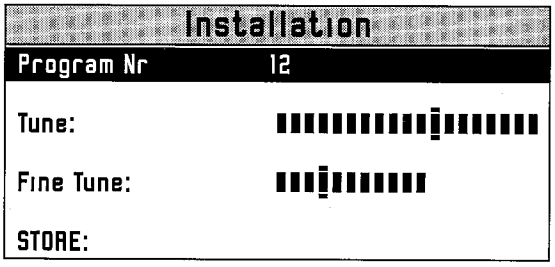
First press the ▲ or ▼ button (23/26) until Fine Tune in the display turns magenta.

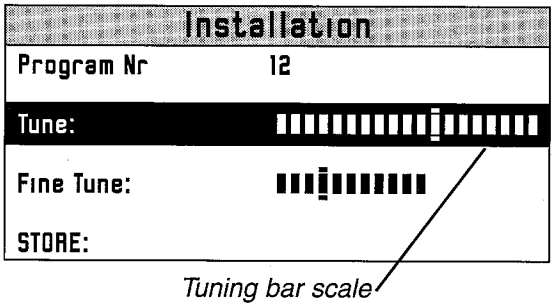
Now press the ► or ◄ button (24/25) until picture and sound are to your satisfaction, then press the STORE button (20).

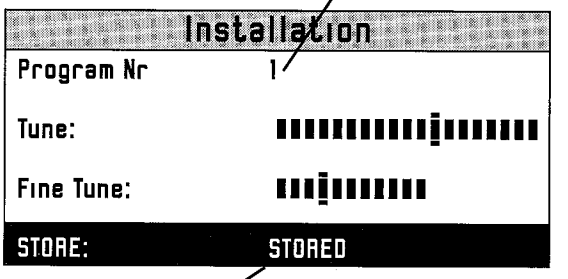
7. Press the ▲ or ▼ button (23/26) to select Tune once more, then repeat steps 4 - 6 until all broadcasts in your area have been tuned in and allocated to the programme numbers of your choice.

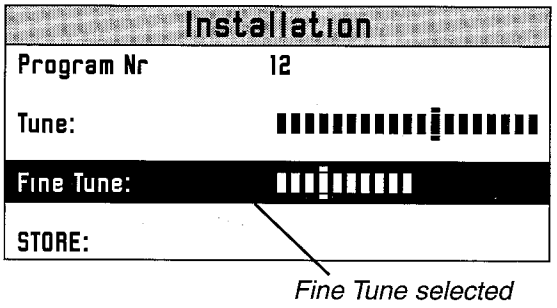
8. Press the TV button (15) on the handset to return to normal operation.











You may also tune in this T.V. by using the buttons on the front control panel of the T.V. cabinet. This is a useful facility if the handset is unable to be used due to battery depletion for example. The following procedure explains how you can do this.

1. Press and hold down the ▭ button until the Programme Index menu shown appears on-screen.

Important: Ensure you hold down the ▭ button until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

2. Press the ▭ button once more to display the Installation menu.
The first item, i.e. Program Nr., will be coloured magenta.

3. Press the PROG- button once. The Tune line in this display will then turn magenta.

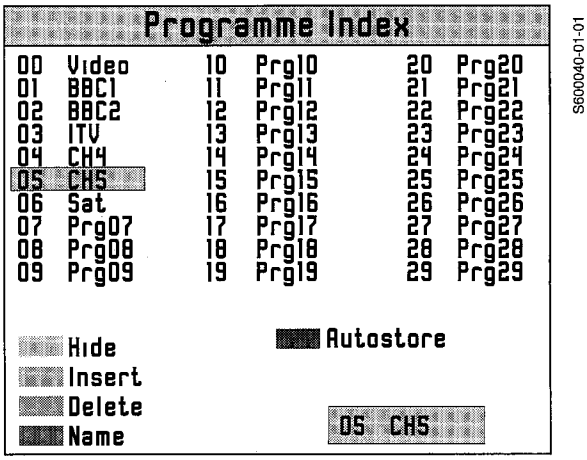
4. Now press the ◢ + or - button. The search tuning routine will begin.
To indicate this, the block in the tuning bar scale will begin to move left or right from its present position.

Once a broadcast has been found the search tuning routine will stop.

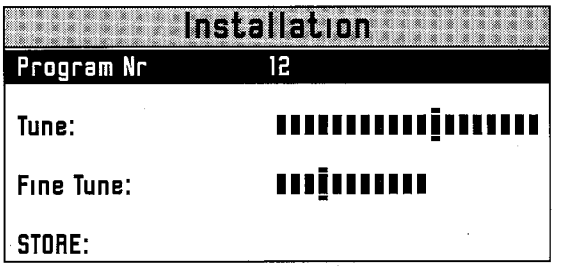
5. Press the PROG- button until Program Nr. in the display becomes magenta once more.

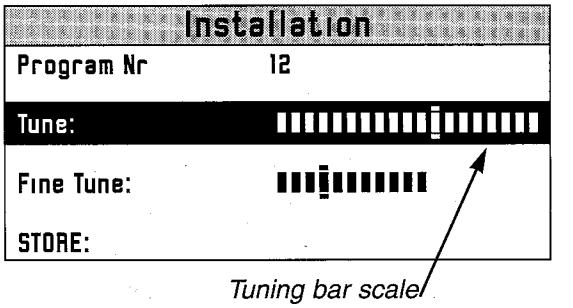
6. To allocate a programme number to the broadcast you have tuned in, press the ◢ + or - button until the desired programme number appears in the display.
As a general rule we recommend that the Video channel be allocated to Programme number 0, BBC1 to programme number 1, BBC2 to programme number 2, ITV to 3, CH4 or S4C to 4 and CH5 to 5. If you have Satellite equipment this should be viewed on programme number 6.

7. Once the desired programme number has been selected, press the PROG- button to highlight STORE in the menu, then press the ◢ + or- button.
The word STORED appears temporarily at the bottom of the display indicating that all the tuning information for that broadcast has now been memorised.



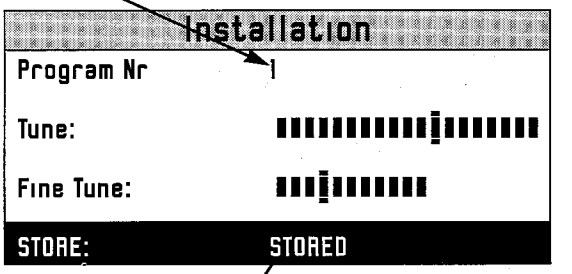
S600040-01-01





Tuning bar scale

Programme number 1 selected



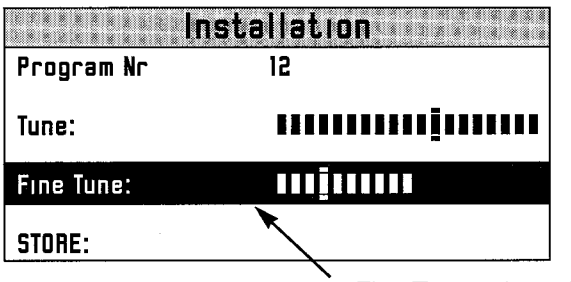
Tuning information stored

FINE TUNE

As each broadcast is found, fine tuning is carried out automatically to obtain the optimum picture and sound. However, if this is unsatisfactory, minor adjustments can be carried out manually. First press the PROG+ or - button until Fine Tune in the display turns magenta. Now press the ◢ + or - button until picture and sound are to your satisfaction, then highlight STORE in the menu using the PROG- button. Press the ◢ + or- button to store.

8. Press the PROG+ or - button to select Tune once more, then repeat steps 4 - 7 until all broadcasts in your area have been tuned in and allocated to the programme numbers of your choice.

9. Press the ▭ button to return to normal operation.



Fine Tune selected

Moving a Broadcast to a New Programme Number

1.Press and hold down the MENU button (5) of handset until the Programme Index menu appears, then press the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number that contains the broadcast you wish to be allocated to a different programme number, e.g. programme number 15.
The highlighted programme number appears in the Select Box of the display.
Important: Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

2.Press the GREEN button (3) on handset to select the Insert function from the display.
The select box turns green, indicating selection has been accepted.

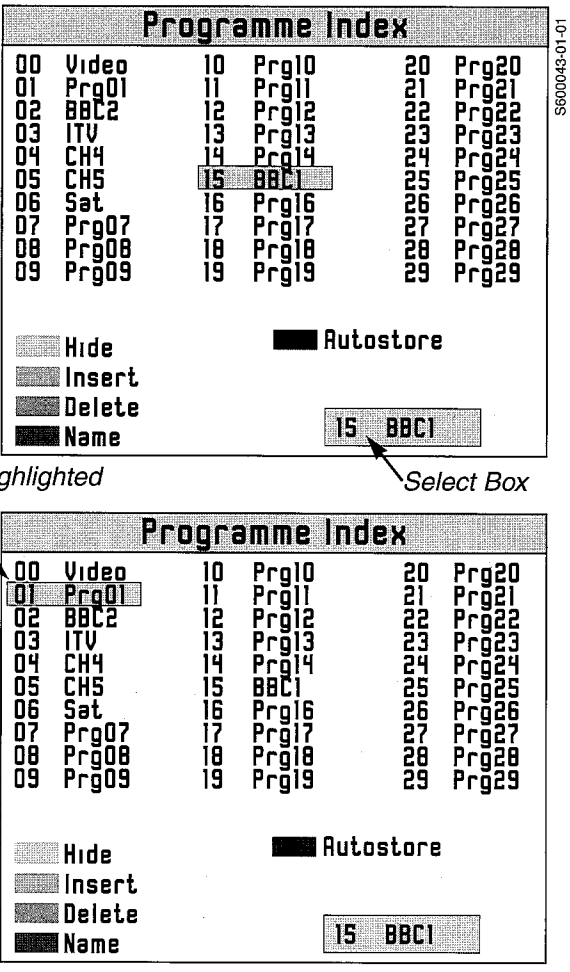
3.Press the ▲,►,◄ or ▼ buttons (23/24/25/26) to move the highlight bar to the programme number you require the broadcast to appear on, e.g. programme number 1.

4.Press the GREEN button (3) once more.
The broadcast in the select box will now be allocated to programme number 1.

5.Repeat this procedure to allocate each broadcast to the programme number of your choice.

6. Press the TV button (15) on the handset to return to normal T.V. operation.

NOTE: When you insert a broadcast using this method, all the proceeding broadcasts move up one programme number. In the example above, the broadcast that was on programme number 1 will now appear on programme number 2, and the broadcast that was on programme number 2 will appear on programme number 3 and so on.



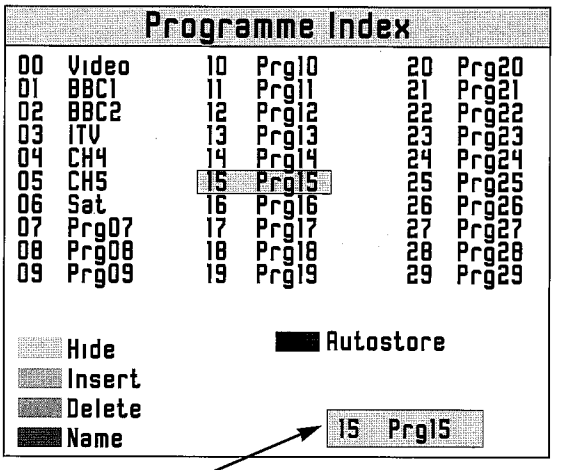
Deleting a Broadcast

1. Press and hold down the MENU button (5) of handset until the Programme Index menu appears.
Important: Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

2.Use the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number that contains the broadcast you wish to be deleted, e.g. programme number 15.
The highlighted programme number appears in the Select Box of the display.

3.Press the YELLOW button (21) on handset to select the Delete function in the menu.
The broadcast allocated to the selected programme number is then deleted from the memory of the T.V.
N.B. You can also delete the broadcast by pressing the CLEAR button (19) of handset. All proceeding broadcasts will now move down one number from their previous position, i.e., the broadcasts that were on programmes 16 and 17 will now appear on programme numbers 15 and 16 etc..

4.Press the TV button (15) on the handset to return to normal operation.



Hiding a Broadcast

If you feel there are some broadcasts that may be unsuitable for younger viewers and wish to prevent selection of particular programme numbers, follow the guide below:

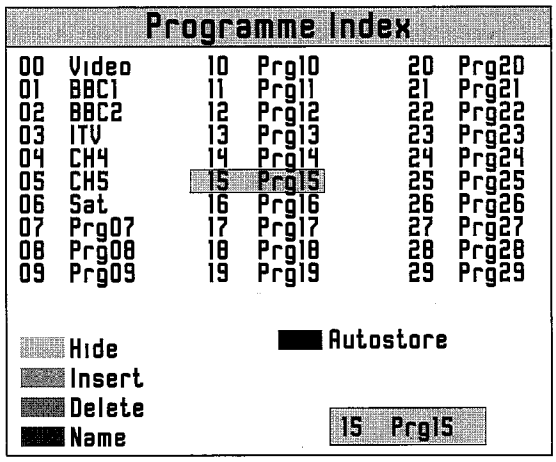
1.Press and HOLD down the MENU button (5) of handset until the Programme Index menu appears on-screen.
Important: Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

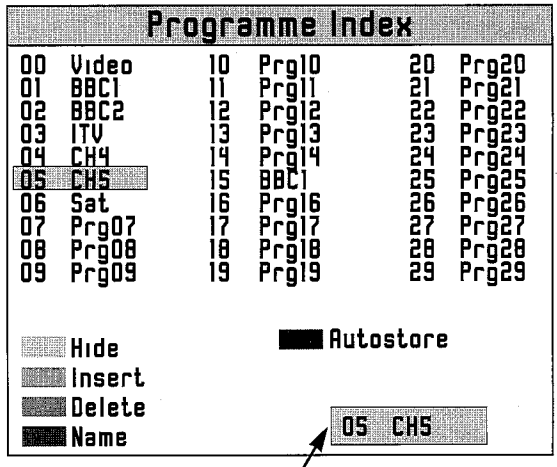
2.Use the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number displaying the broadcast you wish to hide.
The programme number will appear in the Select Box of display.

3.Press the RED button (4) on handset to select the Hide function in the menu. That programme number will now turn red in the display, indicating it is not available for selection.

4. Press the TV button on handset to return to normal operation.
Should that programme number now be selected using the Prog + or - buttons on the front control panel, the T.V. will automatically skip to the next programme number up or down.

N.B. The hidden broadcast can still be accessed if the handset buttons O - 9 are used to select the programme number, thus avoid leaving the handset where children may be likely to use it.


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Autostore
Hide
Insert
Delete
Name
15 Prg15


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 BBC1 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Autostore
Hide
Insert
Delete
Name
05 CH5

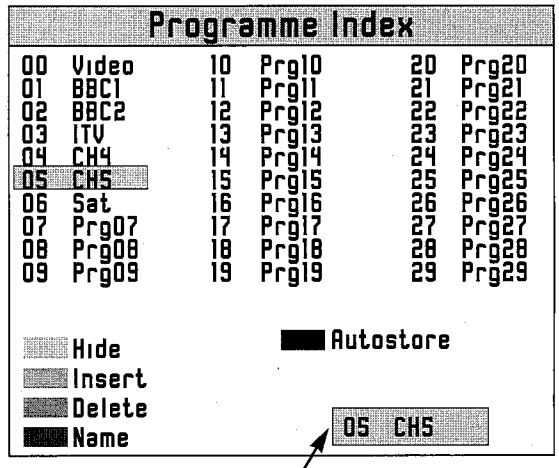
Programme 5 selected

Returning a Hidden Broadcast

1.Press and HOLD down the MENU button (5) of handset until the Programme Index menu appears, then use the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number that was previously hidden.

2. Press the RED button (4) on handset.
That programme number will now turn white, indicating it is now available for selection.

3. Press the TV button (15) on the handset to return to normal operation.


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Autostore
Hide
Insert
Delete
Name
05 CH5

Programme 5 selected

Additional Features

Naming a Broadcast

1. Press and hold down the MENU button (5)of handset until the Programme Index menu appears.
Important: Ensure you HOLD down the MENU button (5)until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

2. Use the ▲,►,◄ or ▼ buttons (23/24/25/26)to highlight the programme number that you wish to name or re-name.

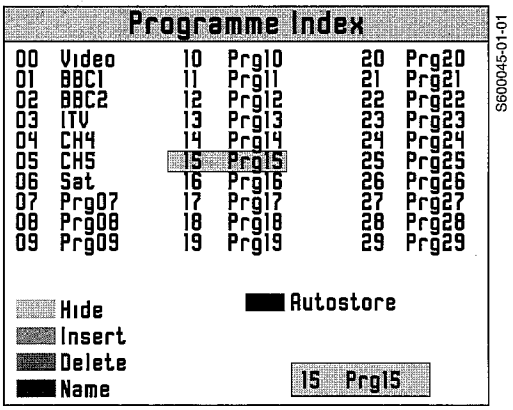
3. Press the BLUE button (22) on handset to select the Name function in the menu.
The Select Box will then turn blue.
A cursor appears after the programme number in the Select Box, indicating the starting point for programme name entry.

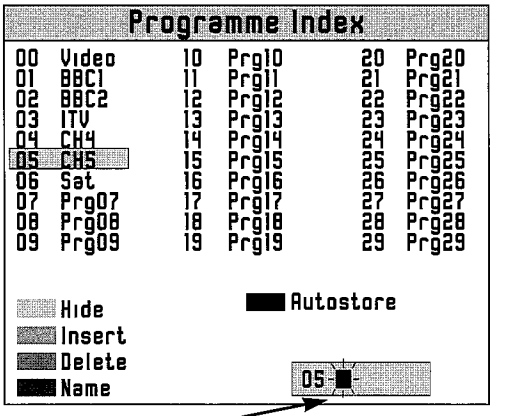
4.Using the ▲ or ▼ buttons (23/26), you can now scroll through the alphabet, the numbers O - 9, and various symbols such as comas, full stops, spaces and dashes.

5. When the desired letter etc. appears in the Select Box, press the ► button (24) to move the cursor to the right.

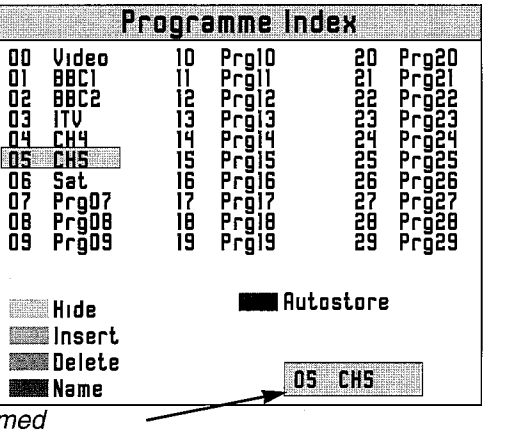
6. Repeat steps 4 and 5 until the programme name is completed, then press the BLUE button (22) again.
A programme name can have a maximum of 5 letters or characters.
The programme name will now appear alongside the programme number, and will be displayed every time that programme number is selected.

7. Press the TV button (15) on handset to return to normal operation .


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Hide
Insert
Delete
Name
Autostore
15 Prg15


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Hide
Insert
Delete
Name
Autostore
05

Cursor in select box

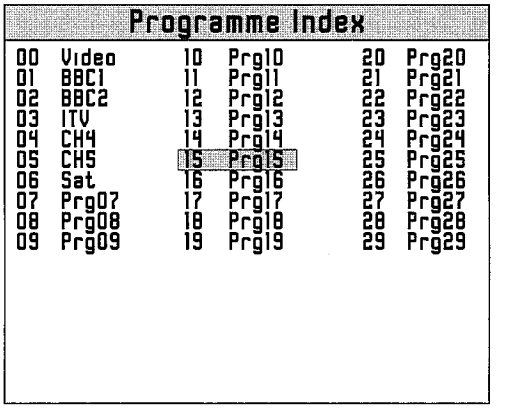

Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Hide
Insert
Delete
Name
Autostore
05 CH5

CH5 named

Programme Index

Although having the same heading, this menu is differs from the Programme Index menu used to perform the Autostore and Programme Name functions etc. This menu is for guidance purposes only, i.e. you cannot perform any functional changes. However, this menu becomes beneficial when a number of broadcasts have been tuned in previously, and although you cannot remember which programme number contains the broadcast you want, you do remember the programme name.

To find the broadcast follow this procedure:-
1.Press the MENU button 3 times. The Programme Index menu shown appears.
2.Look for the allocated programme name given to the broadcast you require.
3.Use the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight that programme name in the display.
Once highlighted, the broadcast allocated to that programme number and name will appear, allowing you to confirm it is correct.
4. Press the TV button (15) on handset to return to normal operation.



Shut Down Safety Feature

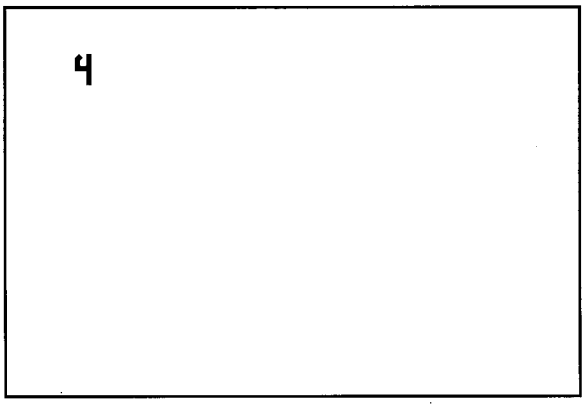
If this T.V. does not receive a broadcast for a period greater than 10 minutes, it has been programmed to enter the standby mode. In this condition, all the major functions of the T.V. will remain off.
To return the T.V. to normal operation from this mode, press one of the handset buttons 0 - 9, or TV button (15).

Programme Number Selection

1. To select programme numbers from 0 - 59, press the corresponding numbered buttons on the handset.
   The number entered will be displayed at the top left hand side of the screen.

NOTE: When selecting programme numbers from 10 - 59, the second number must be entered within 2 seconds, or the T.V. will assume the first number entered is the programme number required.

2. Alternately, pressing the ▲ or ▼ buttons (23/26) will increase or decrease the number on display by one.



Volume Adjustment

1. To increase or decrease the volume level, simply press one of the ► or ◄ buttons (24/25). Press the ◄ button (25) to decrease the level, or the ► button (24) to increase.

Storing a Volume Level

To ensure that the volume level will always return to your preferred setting from switch on, follow this procedure:

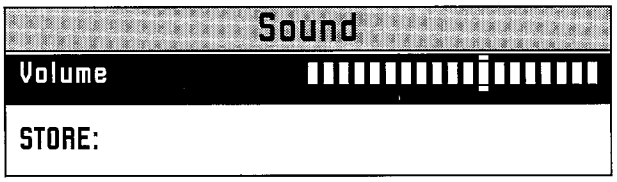
1. Press the MENU button (5) once. The Sound menu will then appear on-screen as shown.

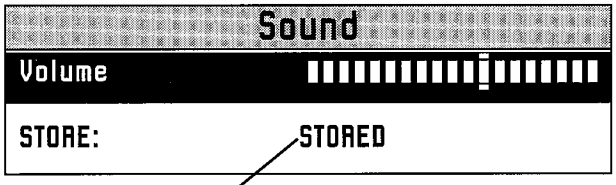
2. Using the ► or ◄ buttons (24/25), set the volume to the level you desire on the sliding bar scale.

3. Press the STORE button (20) on handset.
   The word STORED appears temporarily at the bottom of the display. The volume level is now memorised, and will always return to this value when the T.V. is switched on.

4. Press the TV button (15) on handset to return to normal operation.

S600046-01-01

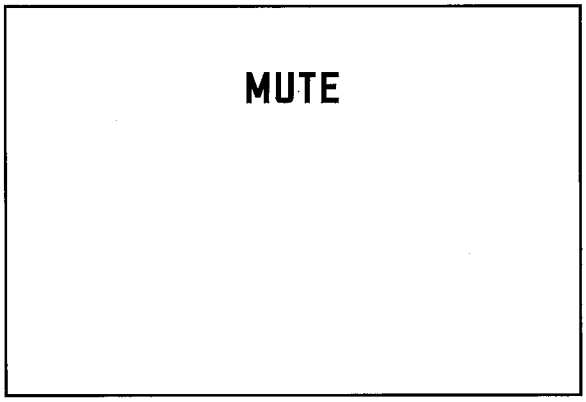




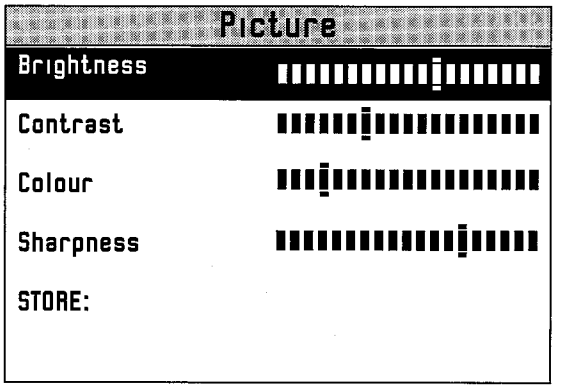
Settings Stored

Muting the Volume

Should you require to turn the sound off instantly, press the mute button (17). The word MUTE will appear at the top of the screen. To return the sound, press the mute button (17) once more.



Picture Adjustments



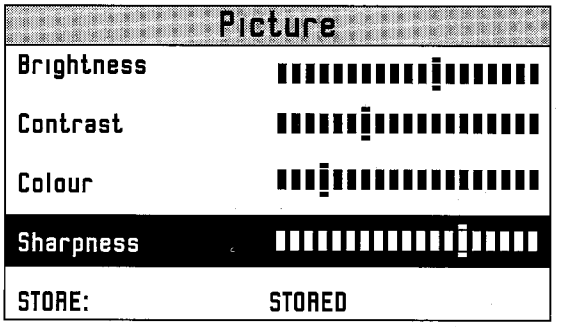
1. Press the MENU button (5) twice to obtain the Picture menu shown.
   The Brightness line of display will be coloured magenta. This indicates that the Brightness function is available for adjustment.

2. Press the ► or ◄ buttons (24/25) to increase or decrease the brightness level to suit your personal preference.

3. Press the ▼ button (26) once. The Contrast line becomes magenta.

4. Press the ► or ◄ buttons (24/25) to increase or decrease the contrast level to suit your personal preference.

5. Repeat this procedure for the Colour and Sharpness functions, then press the STORE button (20) on handset.
   The word STORED appears temporarily at the bottom of the display, indicating all settings have now been memorised, now each time the T.V. is switched on these levels are set.
   NOTE: This TV can also operate in NTSC colour format (the HUE control is fixed at a preset level).



6. Press the TV button (15) on handset to return to normal operation .

N.B. On some broadcasts, it may still be necessary to enter the Picture menu in order to alter the levels of Brightness or Contrast etc. to suit your taste. However, as long as you do not press the STORE button after performing these alterations, the original settings will still be returned when you switch on at a later date. You can also return to the original settings by pressing the NORM button (3) on handset.

Front Controls

Programme number selection and volume adjustment can also be performed using the PROG + or - buttons and the ◢ + and - buttons on the front control panel of the T.V. By pressing the ▣ button of these controls, you can also access the volume and the picture menus. You can then use the PROG + or - buttons to highlight the function required, and change its level with the ◢ + or- buttons.

Remember, should you wish to store any adjustment made after using the front controls, first highlight STORE in the menu by using the PROG + or - buttons, then press the ◢ + or - button to store all adjustments made. Finally, press the ▣ button to return to normal operation.

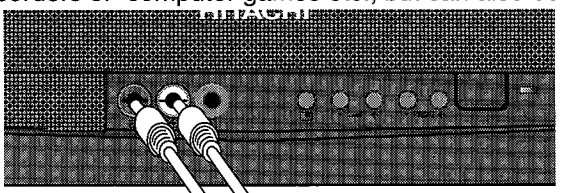
Connecting External Video/Audio Equipment

This receiver has a number of dedicated input sockets to connect external equipment more permenant. As a convenience feature, most Audio/Video equipment can be connected temporarily to the front sockets of this T.V.

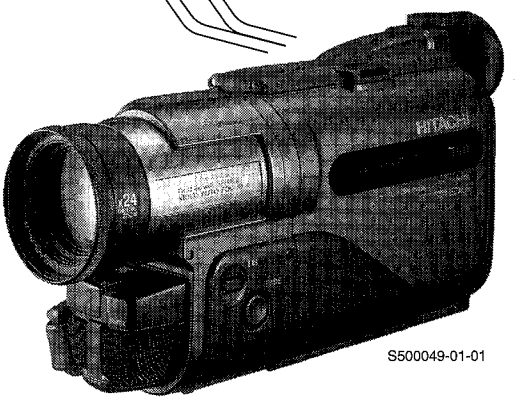
A 21 pin connecting socket is also provided at the rear of the T.V. for more permanent connection.

Front Connections

VIDEO-IN AUDIO-IN SOCKETS:-
Usually used for quick/temporary connection of standard PAL or NTSC camcorders or computer games etc., but can also be used to connect VHS V.C.Rs if desired.



S500048-01-01



S500049-01-01

1. Connect your equipment video and audio outputs to the VIDEO-IN and AUDIO-IN sockets of the T.V. as shown.

2. Press the AV button (19) on handset until the letters representing your external equipment appear on-screen (one press for AV a further press for RGB). The T.V. picture will disappear.

After a short time, the on-screen letters will also disappear.

Switch on your external equipment and operate as required to view.

4. When desired, press the TV button (15) on handset until normal T.V. operation is returned.

Headphone Socket Connection

Connect your headphones to the socket marked ∩ (standard 3.5mm connection).
This allows you to listen to your programmes in private by muting the TV's internal speaker.

16 x 9 (Wide Screen) Format

S500050-01-01

example 1

S500051-01-01

example 2

Various broadcasting stations now transmit movies and programs in True Wide Screen Format, especially some Satellite broadcasts, and also various Camcorders can record and playback in Wide Screen format. Your TV is able to switch between 16 x 9 and 4 x 3 formats allowing you to view the correct ratio signal that is being transmitted.

If a 16 x 9 Wide Screen broadcast is viewed on a 4 x 3 normal format, then objects or characters appear tall and narrow (see example 1).

By pressing the 16 x 9 (key 4) button on your handset the screen is compressed to a 16 x 9 ratio. This is the correct ratio to view true wide screen broadcasts
(see example 2).

If the 16:9 key is pressed once more the ratio is reset to 4 x 3.
NOTE: When the TV is switched off and then back on the 4 x 3 ratio is reset.

Teletext Operation

To enter the Teletext mode, press the TEXT button (16) of handset.

At the top of the displayed page will be the page header. This consists of the teletext page number presently on display, plus the date and time.

If FASTEXT is being transmitted, there will be 4 coloured topics at the bottom of the page.

To select one of these topics for display, press the corresponding coloured button on the handset.

Once that page is displayed, 4 new topics will appear. You can keep selecting these topics as long as desired.

If however you wish to view a page number of your own choosing, enter the required 3 digit number using the handset buttons 0 - 9 (2).

If you press a wrong number, complete the 3 digit number, then re-enter the correct number.

The 4 Fastext Topics are shown on the bottom of the screen

Teletext Functions

TEXT Button (16)

Press once to enter teletext mode.

TV Button (15)

Press to return to normal T.V. operation.

UPDATE Button (18)

Once you have entered a page number, you can press this button to return the T.V. picture to the screen whilst the page is being searched for. Once the selected page is captured, the page number appears on-screen.
Press TEXT button (16) once to display the page.

REVEAL Button (26)

Press this button if you wish to display the hidden information contained in some pages, i.e. quiz pages.

EXPAND Button (23)

The first press will expand the top half of the page to double its size. A second press expands the bottom half, whilst a third press returns the page to its normal size.

HOLD Button (20)

Some teletext pages consist of more than one page. These pages are called sub-pages, and every so often the page on display will be replaced by the next sub-page. To prevent this happening, press this button once, and the page on display will remain on-screen. The word HOLD will appear in place of the page number. Press once more when you wish to resume normal teletext operation.

INDEX Button (5)

When pressed the index page of the teletext magazine on display will appear.

COLOUR CODED Buttons (3, 4, 21 & 22)

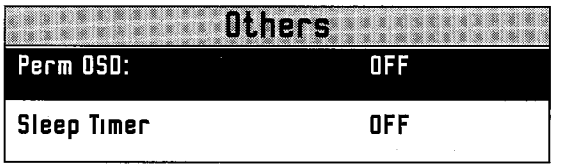
Pressing one of these buttons will select the corresponding coloured FASTEXT topic displayed at the bottom of the page.

Sleep Timer / Permanent Programme Number

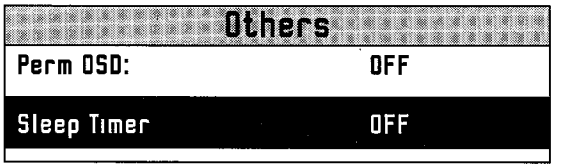
This TV can be programmed to Switch off (i.e. enter the standby mode) after a pre-determined period of time.

NOTE: Whilst in standby mode, all major functions of the TV will be On. However, this is not a complete shut down, so if the TV is to be left for long periods of time, we recommend that it be switched off and disconnected from the mains supply.

1. Press the MENU button (5) on handset 4 times. The Others menu shown appears on-screen, with the first line coloured magenta



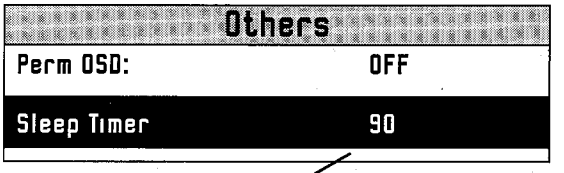
2. Press the ▼ button (26). The Sleep Timer line will now turn magenta.



3. Decide the amount of time you wish the T.V. to remain operational before it goes into standby mode.

This can be from as little as 5 minutes, to a maximum of 120 minutes (2 hours).

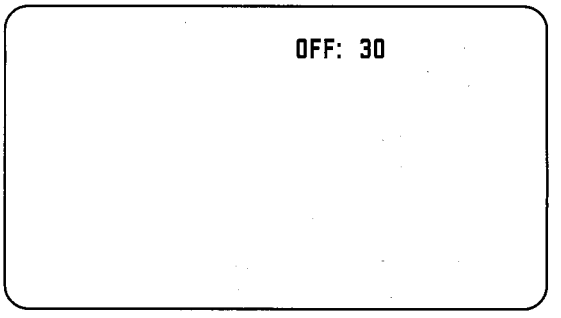
4. Press the handset buttons ► or ◄ buttons (24/25), until the required amount of time appears in the display (90 minutes for example). Each button press will increase or decrease the displayed time by 5 minute intervals. *Holding the button down will increase the speed that the display changes.*



90 minutes set

5. Press the TV button on handset to return to normal operation.

The timer will now begin to count down to zero. When there are only 30 seconds remaining before the standby mode is activated, the message OFF appears on-screen, along with a countdown display in seconds.



Once the countdown has reached zero, the T.V. will enter the standby mode.

6. Once the standby mode has been activated, the T.V. can be returned to normal operation by pressing one of the buttons 0 - 9 (2) or TV button (15)

Permanent Programme Number Display

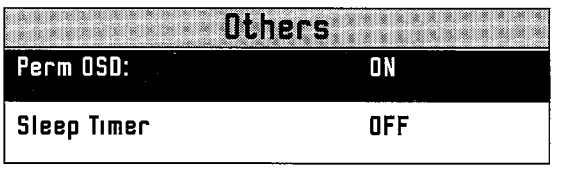
If you wish, you can programme this T.V. to permanently display the programme number on-screen. You can do this as follows:

1. Press the MENU button (5) on handset 4 times. The Others menu shown appears on-screen, with the first line coloured magenta.

2. Press the handset buttons ►or ◄ buttons (24/25) until the word OFF is replaced by ON.

3. Press the TV button (15) on handset to return to normal operation.

The programme number allocated to the broadcast displayed will now remain permanently on-screen.



S600053-01-01

Your Guarantee *of Excellence*

Thank you for purchasing this Hitachi television.

In the unlikely event that this product should develop a fault, we undertake to replace or repair any part of the product which fails due to a manufacturing defect within 12 months of the date of purchase provided that:

i) The product has been installed and used only in accordance with the instructions supplied with the product.

ii) The product has not been repaired, maintained, or modified by any person other than an Hitachi authorised engineer.

iii) The product serial number has not been removed or altered.

This guarantee does not apply to product acquired secondhand or for commercial or communal use.

This guarantee does not cover the replacement of exhausted batteries, the adjustment of user controls, or aerial alignment.

Any parts replaced under this guarantee shall become the property of Hitachi Home Electronics (Europe) Ltd.

Please note that evidence of the date of purchase will be required before any service under this guarantee is carried out.

GUARANTEE

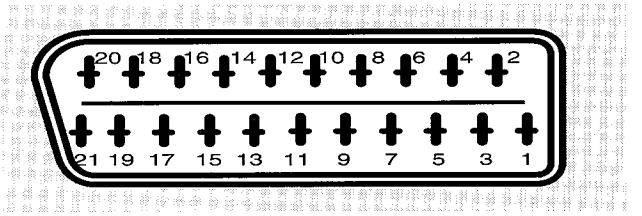
THIS GUARANTEE DOES NOT AFFECT YOUR STATUTORY RIGHTS.

IN ALL CASES OF DIFFICULTY PLEASE CONSULT YOUR HITACHI DEALER.

TV Standard	625 line single standard (PAL and PAL60) (NTSC via Scart input)
Channel Coverage	UHF channels
Aerial Impedance	75 Ω unbalanced
Picture Tube	51 cm type
Mains Voltage	220 - 240V AC 50 Hz
Internal Speaker	6 x 12 cm type
Power Consumption	55W approx. (Stand-by < 8W)
Weight	19kg approx
Dimensions (W x H x D)	506 x 475 x 481
Remote Control Batteries	2 x HITACHI SUM-3/IEC R6 or equivalent AA

Specifications are subject to change without notice. Weight and dimensions shown are approximate.

SCART SOCKET AV1



PIN No.	FUNCTION
1	AUDIO OUT (RIGHT)
2	AUDIO INPUT (RIGHT)
3	AUDIO OUT (LEFT)
4	GROUND (AUDIO)
5	GROUND (BLUE)
6	AUDIO INPUT (LEFT)
7	BLUE INPUT
8	SWITCHING INPUT
9	GROUND (GREEN)
10	NOT USED
11	GREEN INPUT
12	NOT USED
13	GROUND (RED)
14	GROUND (BLANKING)
15	RED INPUT
16	STATUS (BLANKING) INPUT
17	GROUND (VIDEO)
18	GROUND (VIDEO)
19	COMPOSITE VIDEO OUTPUT
20	COMPOSITE VIDEO INPUT
21	GROUND

HITACHI ENVIRONMENTAL NOTICE

The Environment and You

HITACHI are signatories to the commitment made by the Consumer Electronics Industry on Reducing Energy Consumption by Televisions and Video Recorders in Standby.

HOW YOU CAN CONTRIBUTE TO THE ENVIRONMENT BY HELPING TO REDUCE ENERGY CONSUMPTION AND WASTE!

Even though your TV has a low standby power consumption, you can reduce waste to zero if you switch off the set at the mains when it is not intended to be used for long periods i.e. for an Hour or so. TV sets should certainly be switched off overnight or when you are away from home. Other factors should also be considered when operating your TV. Reducing volume settings to sensible levels can reduce power consumption as well as reducing noise pollution, and reducing the contrast can also provide a more pleasing picture in lower ambient lighting conditions as well as reducing power consumption.

Hitachi Home Electronics (Europe) Ltd. Manufacturing Site in Wales is a BSI Registered Company, and has been assessed to ISO 9001 Quality Management Standard, certificate number FM 32366 and the Environmental Quality Management Standard ISO 14001, certificate number EMS 36168, under which your Television has been manufactured.

The paper used for this Operating Guide has been produced from sustainable forests, part of Hitachi's on going commitment to the global environment.

Use the boxes provided below to record your TV's Model and Serial Nº (these are found on the rating plate located on the rear of the TV). Also, record where and when your purchased this TV. This information will speed any future queries you may have and should be used in all correspondence with Hitachi service centres.

Model:-	*Serial Nº:-*	*Dealer/Store:-* *Date Purchased:-*

HITACHI

Quick Setup Guide

Dear Hitachi Customer,

Welcome to the Quick Set Up Guide. This guide has been designed with YOU the customer in mind. The guide has easy to follow step by step instructions, and if followed correctly, will have you viewing your TV in a very short time.

Before attempting to set up your TV, take a few minutes to familiarise yourself with this Guide, this will help speed the set up process. ***Now please read the following important notes on TV installation.***

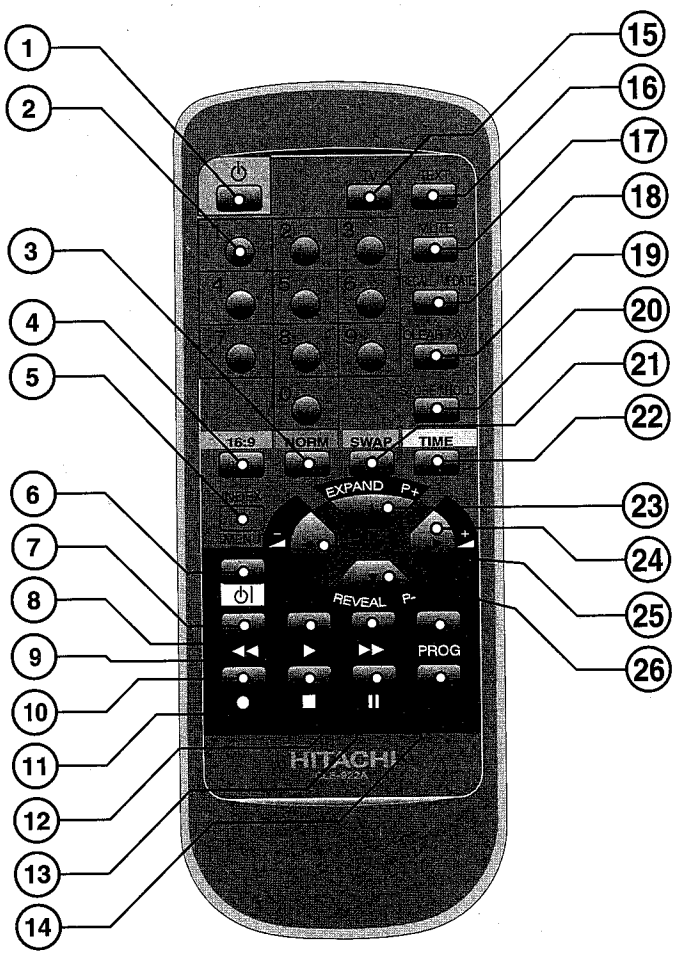
If you intend placing this TV into a cabinet or a wall alcove, please ensure there is at least a 100mm (10cm) gap to the sides, rear and top of the Television. This is to allow for adequate ventilation during TV operation.

Don't allow soft furnishings such as curtains to be draped over the TV whilst in operation.

Never place the TV on to a carpet during operation - this could obstruct ventilation slots on the base of the TV. Always place the TV on a flat surface , or if supplied, the stand accessory.

Failure to observe the above guidelines could result in serious overheating of your TV, or in extreme cases, even fire.

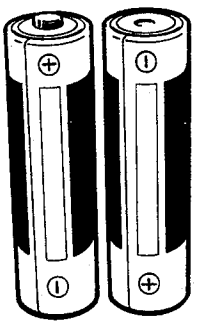
Below (left) is a numbered guide to the key layout of your handset. The guide refers to these keys during the setup process. Study the handset closely to familiarise yourself with the key layout.



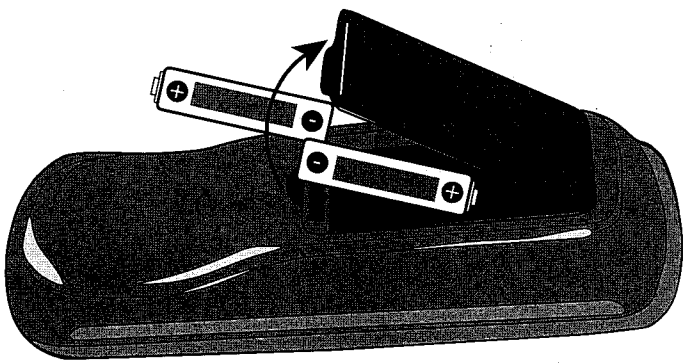
STEP 1

Remove the handset and batteries from their packaging. Remove the battery compartment cover on your handset, and insert the batteries supplied as shown below. Please ensure that the batteries are inserted correctly through observing the marked polarity positions on the batteries and the handset i.e. + to + and - to -.

Note: If any of accessories supplied with this TV are damaged or appear to be missing, please contact your dealer or supplier immediately.



Batteries for Remote Control Handset

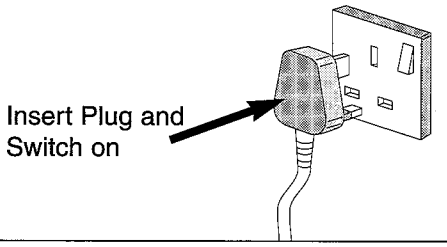


Remote Control Handset

Please Note:
If a Stand Accessory is supplied with this TV, please refer to the instructions that came with the accessory with regards to assembly.

STEP 2

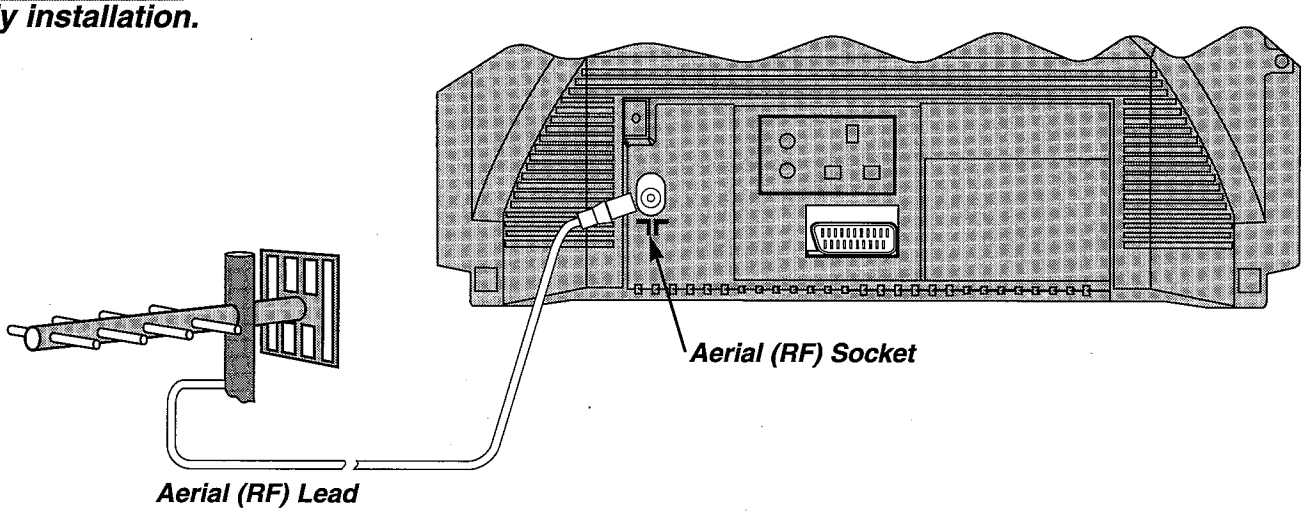
Connecting your TV to the mains socket.



56DR007UK

STEP 3

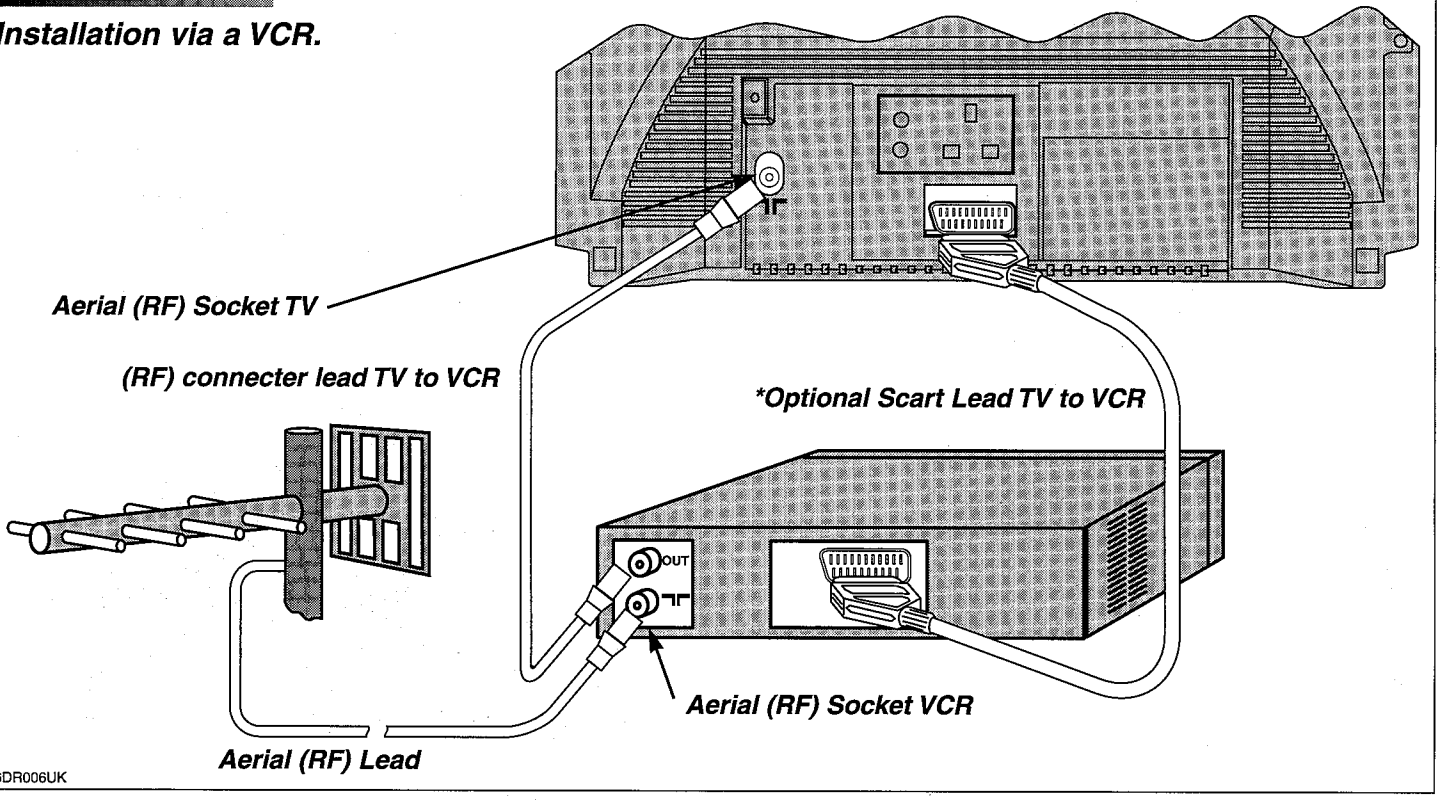
TV only installation.



56DR005UK

STEP 4

Installation via a VCR.



56DR006UK

*A scart lead should be fitted between your TV and VCR to enhance your picture and sound quality. These leads may be purchased from your Hitachi dealer or any good 'High Street' electrical retailer.

STEP 5: Automatic Tuning

Autostore Method

This tuning method allows you to implement a SEARCH routine which will find the first available broadcast, store it automatically, then select the next programme number and resume searching until the next broadcast is found and stored. This process will be repeated until all the broadcasts available in your area have been found and stored in the TV's. memory.

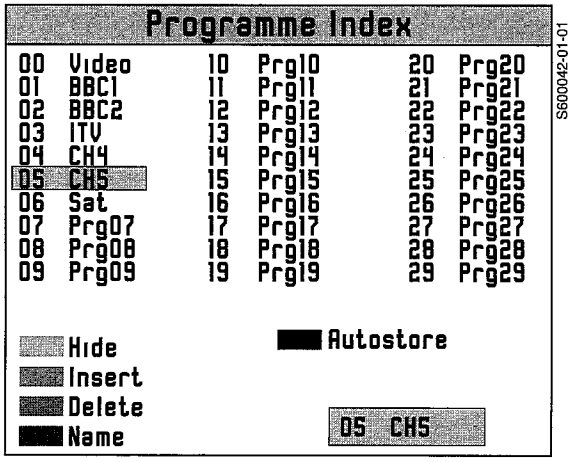
N.B. When this method is used, the broadcasts may not be in the order you desire, i.e. BBC1 may not be stored on programme number 1, and BBC2 may not be stored on programme number 2 etc. However, this function is fully explained on the following page.

Tuning your TV using Autotune

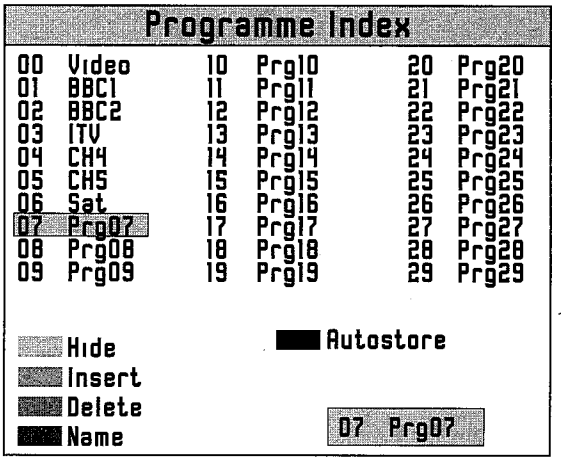
1. Press and hold down the MENU button (5) of handset until the Programme Index menu appears.

Important: *Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.*

The example shown has programme names allocated to each programme number. This procedure is explained later.

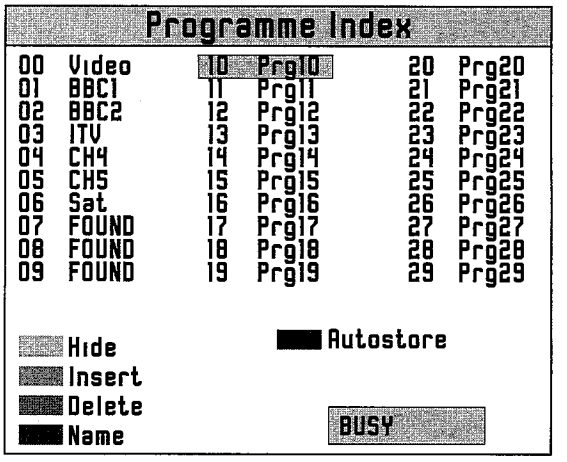


Some broadcasts may have been previously tuned in. If you wish to keep these broadcasts, use the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number that you wish to start Autostore from. For example, if there are broadcasts appearing on programme numbers 01- 06 that you wish to remain, then highlight programme number 07 as the starting point. The highlighted programme number appears in the Select Box of the display. If there are no broadcasts that you wish to keep, then highlight programme number 1 as the starting point.


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 Prg07 17 Prg17 27 Prg27
08 Prg08 18 Prg18 28 Prg28
09 Prg09 19 Prg19 29 Prg29
Hide
Insert
Delete
Name
Autostore
07 Prg07

2. Press and hold down the RECALL button (18) on handset. This will select the Autostore function of the on-screen menu.
The tuning procedure will now begin. To indicate this, the word BUSY appears in the Select Box of display. As each broadcast is found and stored, the word FOUND appears alongside the programme number. This will continue until all the broadcasts available in your area have been found and stored, at which time the word BUSY is replaced by READY.
N.B. You can stop the Autostore procedure at any time by pressing the RECALL button (18) once more.

3. Press the TV button (15) on handset to return to normal T.V. operation.


Programme Index
00 Video 10 Prg10 20 Prg20
01 BBC1 11 Prg11 21 Prg21
02 BBC2 12 Prg12 22 Prg22
03 ITV 13 Prg13 23 Prg23
04 CH4 14 Prg14 24 Prg24
05 CH5 15 Prg15 25 Prg25
06 Sat 16 Prg16 26 Prg26
07 FOUND 17 Prg17 27 Prg27
08 FOUND 18 Prg18 28 Prg28
09 FOUND 19 Prg19 29 Prg29
Hide
Insert
Delete
Name
Autostore
BUSY

STEP 6: Program Sort

Moving a Broadcast to a New Programme Number

1.Press and hold down the MENU button (5) of handset until the Programme Index menu appears, then press the ▲,►,◄ or ▼ buttons (23/24/25/26) to highlight the programme number that contains the broadcast you wish to be allocated to a different programme number, e.g. programme number 15.
The highlighted programme number appears in the Select Box of the display.
Important: Ensure you HOLD down the MENU button (5) until the Programme Index menu appears, as the Sound menu appears on-screen first for a short time.

2.Press the GREEN button (3) on handset to select the Insert function from the display.
The select box turns green, indicating selection has been accepted.

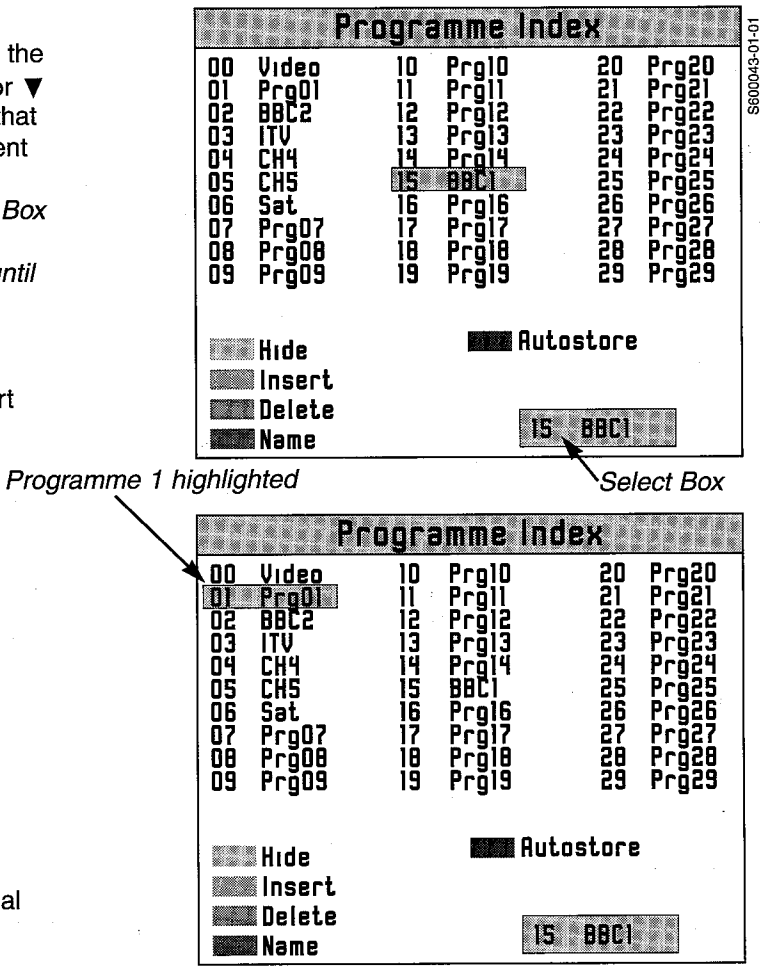
3.Press the ▲,►,◄ or ▼ buttons (23/24/25/26) to move the highlight bar to the programme number you require the broadcast to appear on, e.g. programme number 1.

4.Press the GREEN button (3) once more.
The broadcast in the select box will now be allocated to programme number 1.

5.Repeat this procedure to allocate each broadcast to the programme number of your choice.

6. Press the TV button (15) on the handset to return to normal T.V. operation.

NOTE: When you insert a broadcast using this method, all the proceeding broadcasts move up one programme number. In the example above, the broadcast that was on programme number 1 will now appear on programme number 2, and the broadcast that was on programme number 2 will appear on programme number 3 and so on.



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